

Describe the transformation $f(x) = 4^x$ undergoes for each new function.

1. $g(x) = 4^{x-1}$

4. $n(x) = \frac{1}{2}(4^x)$

2. $h(x) = 4^{x+4}$

5. $r(x) = 3(4^{-x}) + 1$

3. $m(x) = 4^x + 4$

6. $s(x) = -4^x - 2$